

#6/A PB  
2-14-03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
Shigeo Kittaka et al.

Serial No.: (not assigned) Group Art Unit:

Filed: Feb. 14, 2002 Examiner:

For: Optical Coupling System and Optical Device  
Using Same

Box: New Appln.  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

## PRELIMINARY AMENDMENT

Sir:

Prior to computation of the filing fee for the concurrently filed application identified above, please amend the application as follows:

In the claims:

Please substitute the following claims ~~4~~ 5.6 and 8-12 for the like-numbered claims in the concurrently filed application. A clean copy of these claims is attached as an appendix to this amendment.

5. An optical coupling system according to claim 2 [or 4], wherein said total coupling loss is not larger than 0.05 dB.

6. An optical coupling system according to Claim 1 [or 3], wherein said light source and said light-receiving unit are constituted by end surfaces of optical fibers which are equal in mode field diameter to each other.